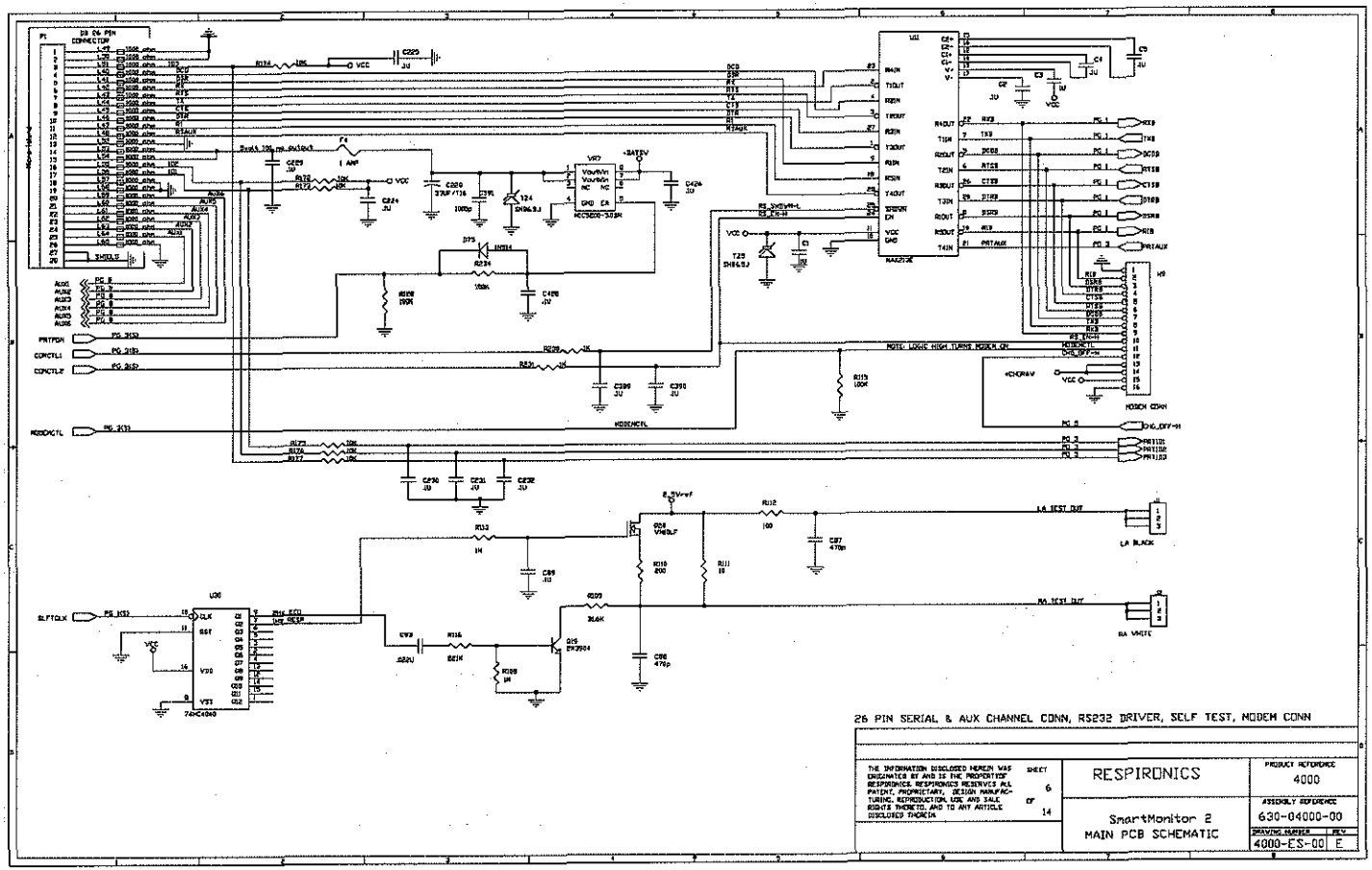
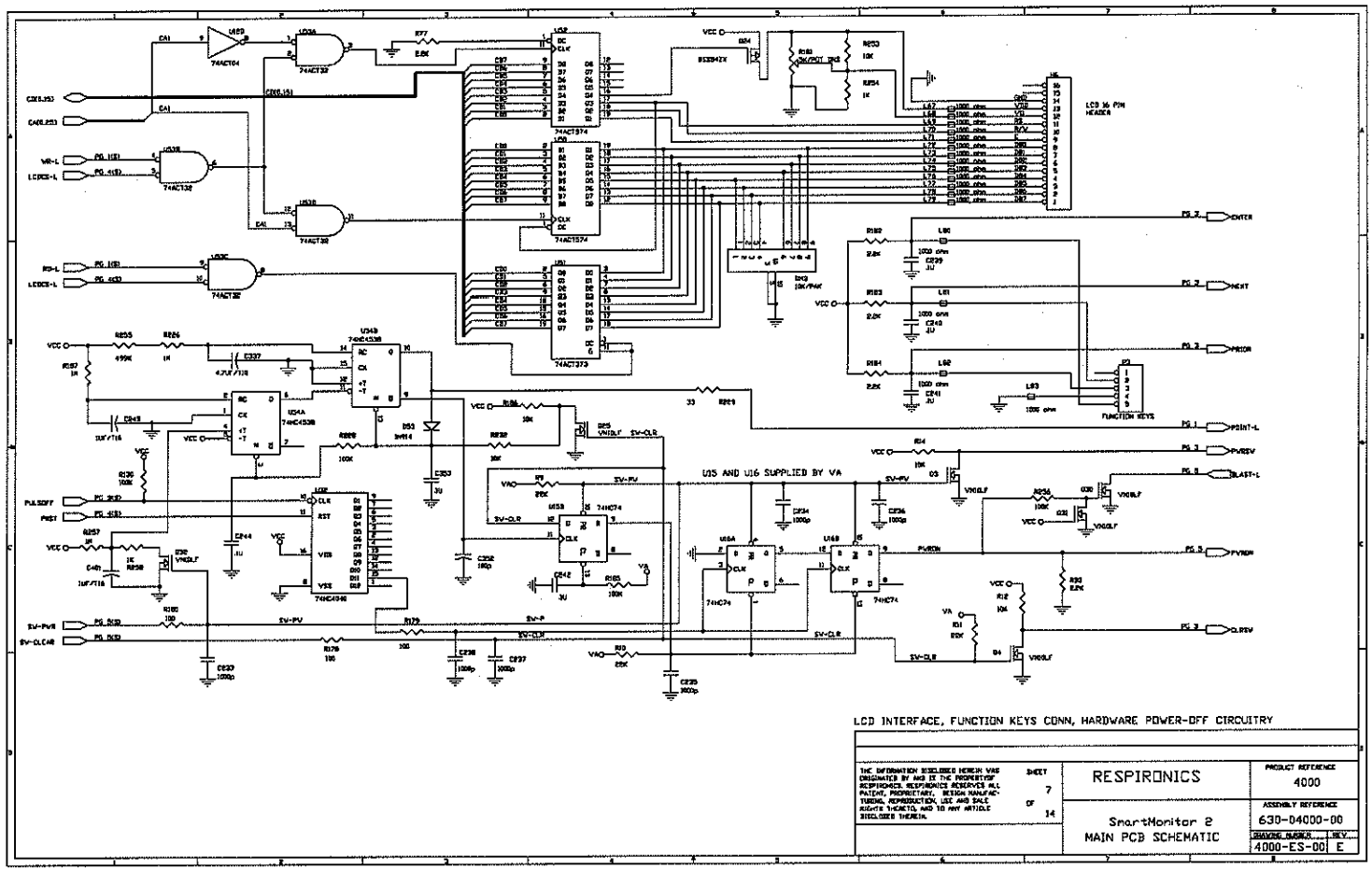
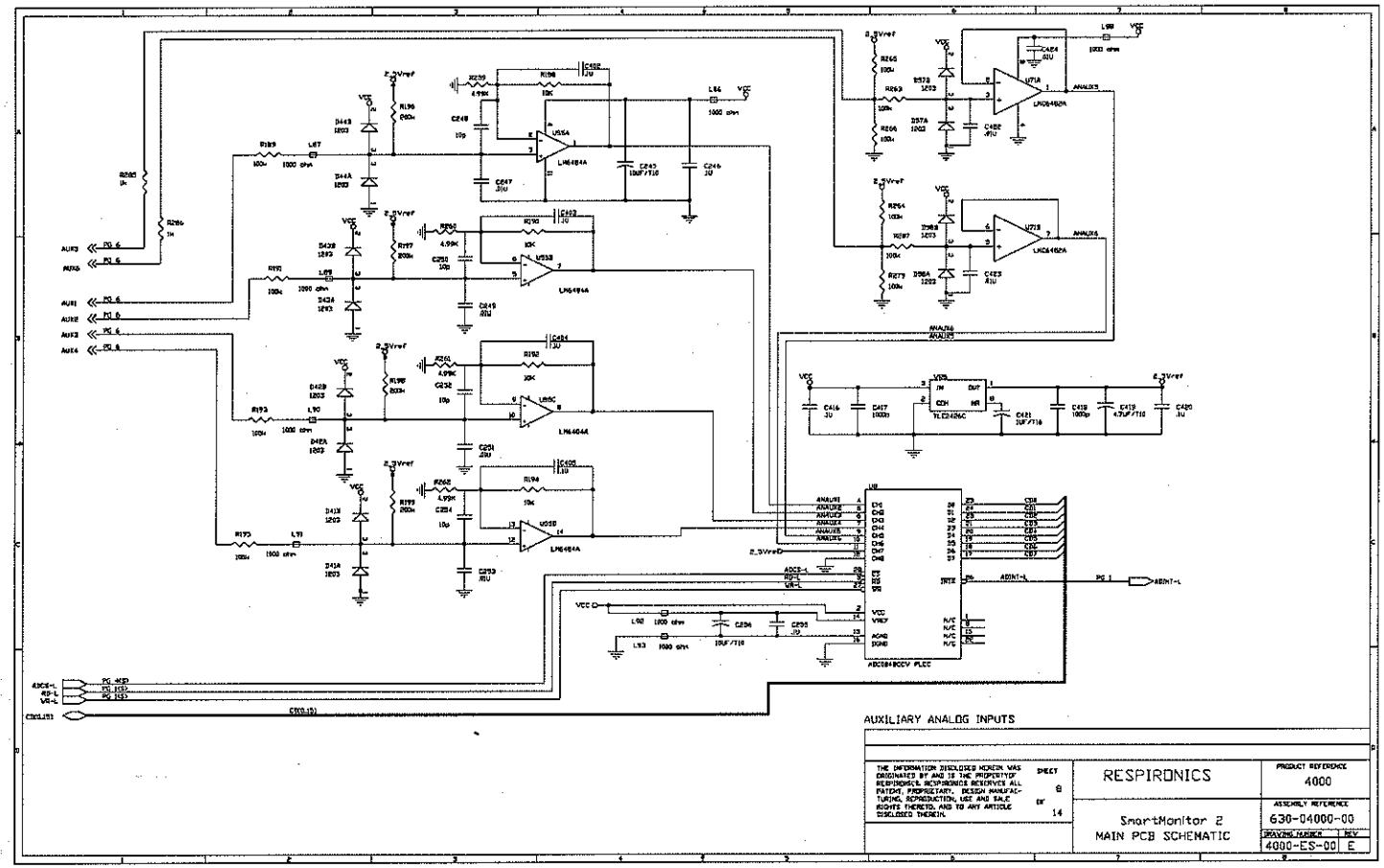
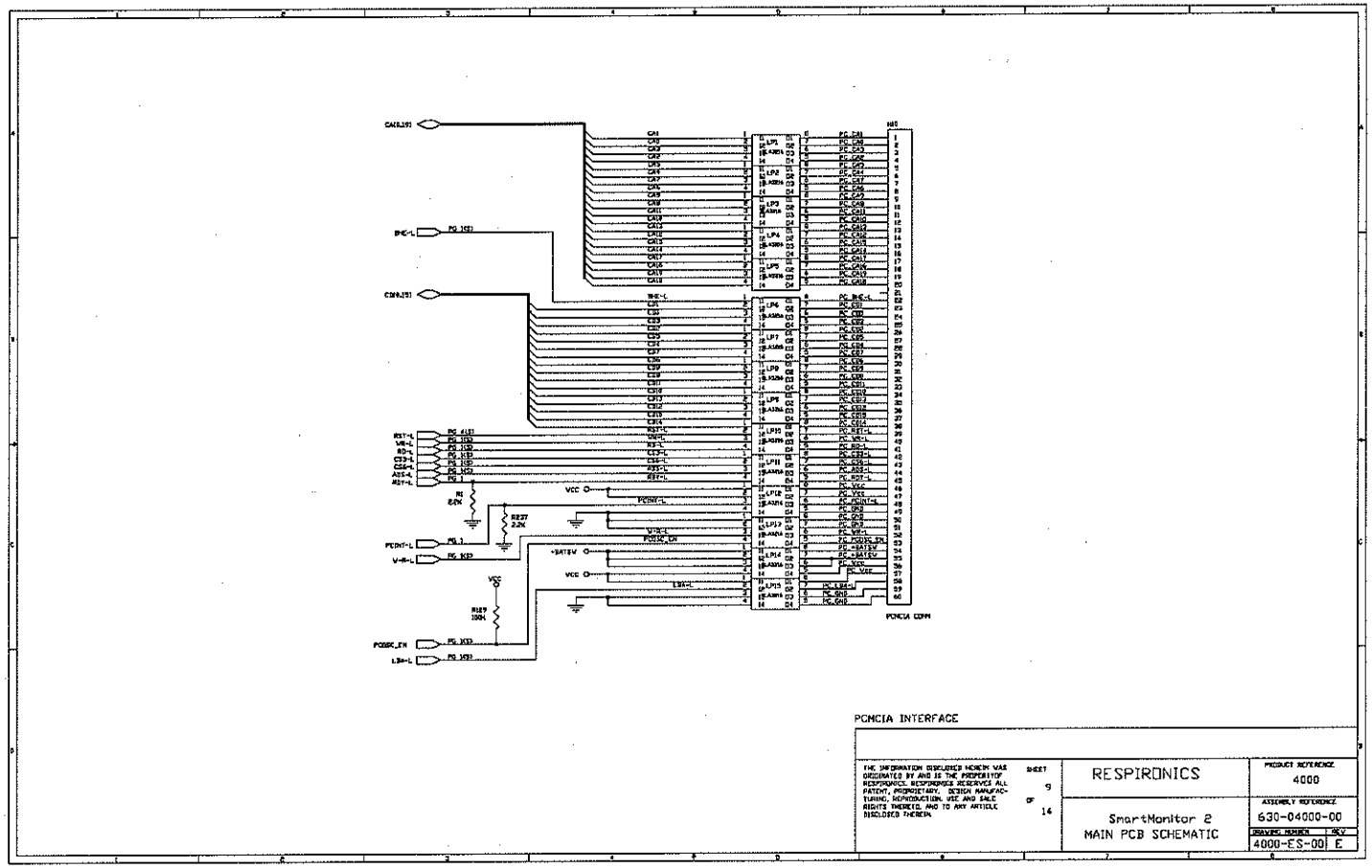

26 PIN SERIAL & AUX CHANNEL CONN, RS232 DRIVER, SELF TEST, MODEM CONN
RESPIRONICS
SmartMonitor 2
MAIN PCB SCHEMATIC
4000
630-04000-00
4000-ES-00
E
6
14


U15 AND U16 SUPPLIED BY VA
LCD INTERFACE, FUNCTION KEYS CONN, HARDWARE POWER-OFF CIRCUITRY
RESPIRONICS
PRODUCT REFERENCE
4000
SmartMonitor 2
MAIN PCB SCHEMATIC
ASSEMBLY REFERENCE
630-04000-00
DRAWING NUMBER
4000-ES-00
REV.
E
SHEET
7
OF
14


AUXILIARY ANALOG INPUTS
RESPIRONICS
4000
SmartMonitor 2
MAIN PCB SCHEMATIC
630-04000-00
4000-ES-00
E


PCMCIA INTERFACE
RESPIRONICS
PRODUCT REFERENCE
4000
SmartMonitor 2
MAIN PCB SCHEMATIC
ASSEMBLY REFERENCE
630-04000-00
DRAWING NUMBER
4000-ES-00
REV
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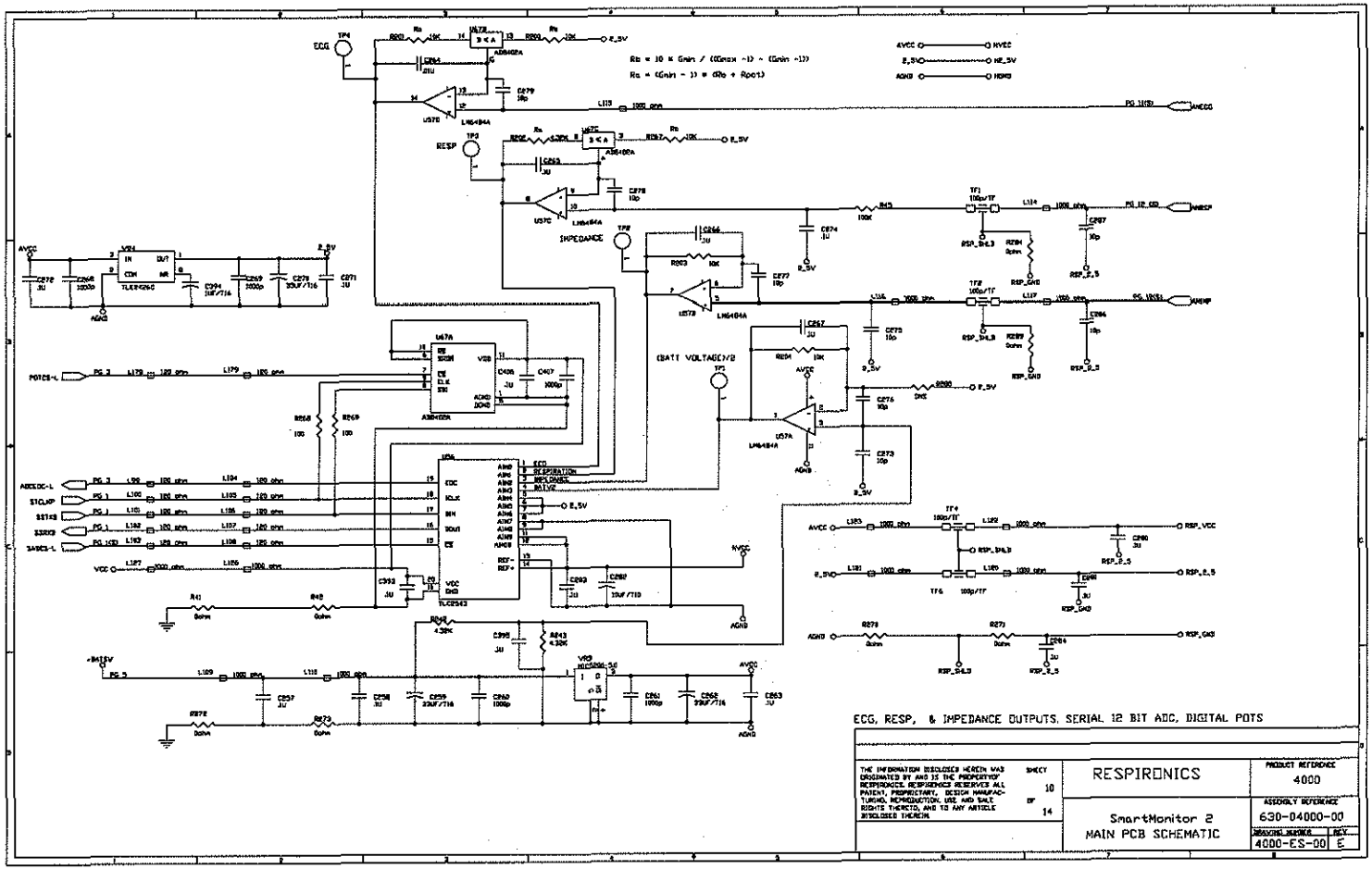
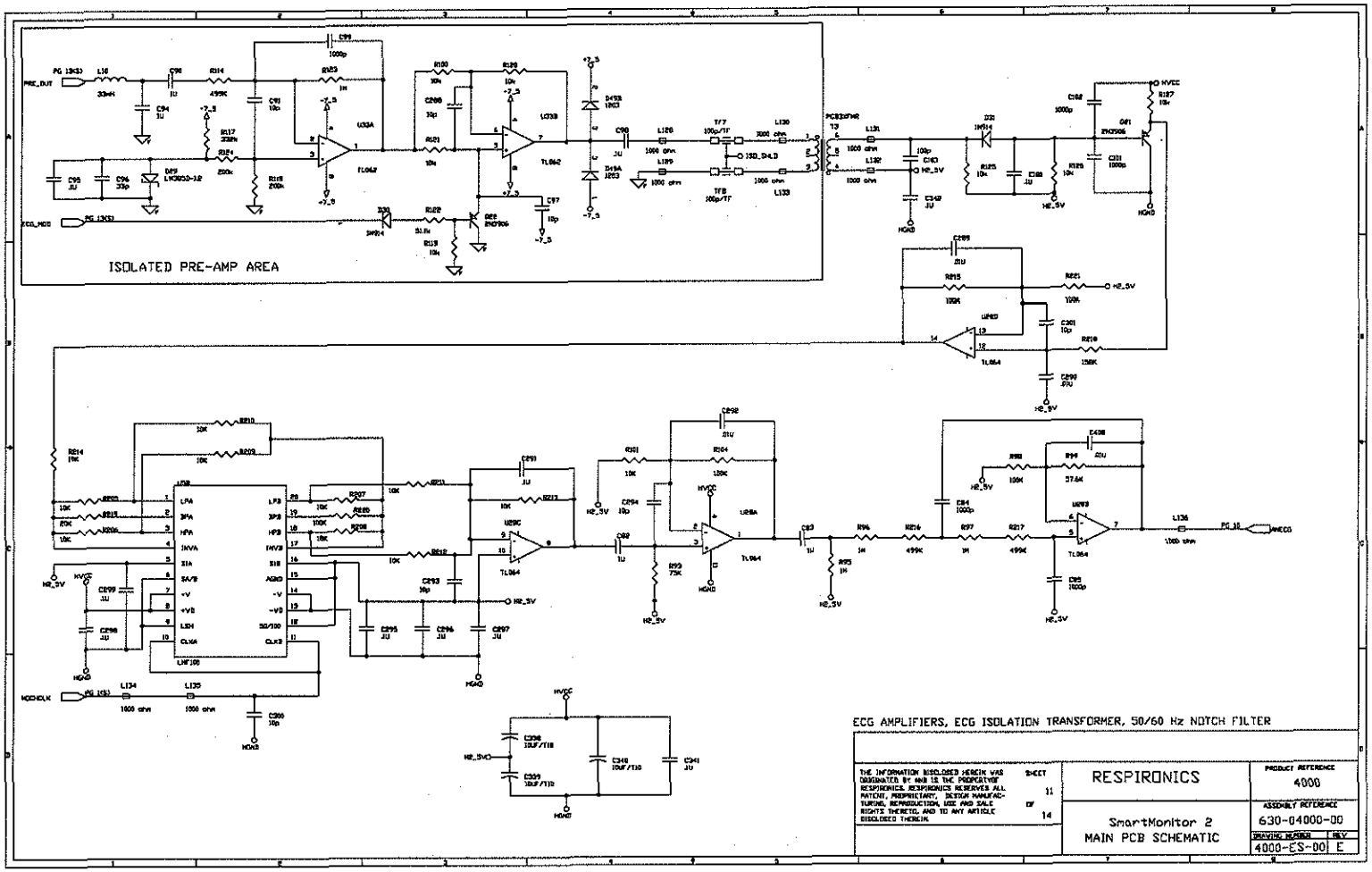
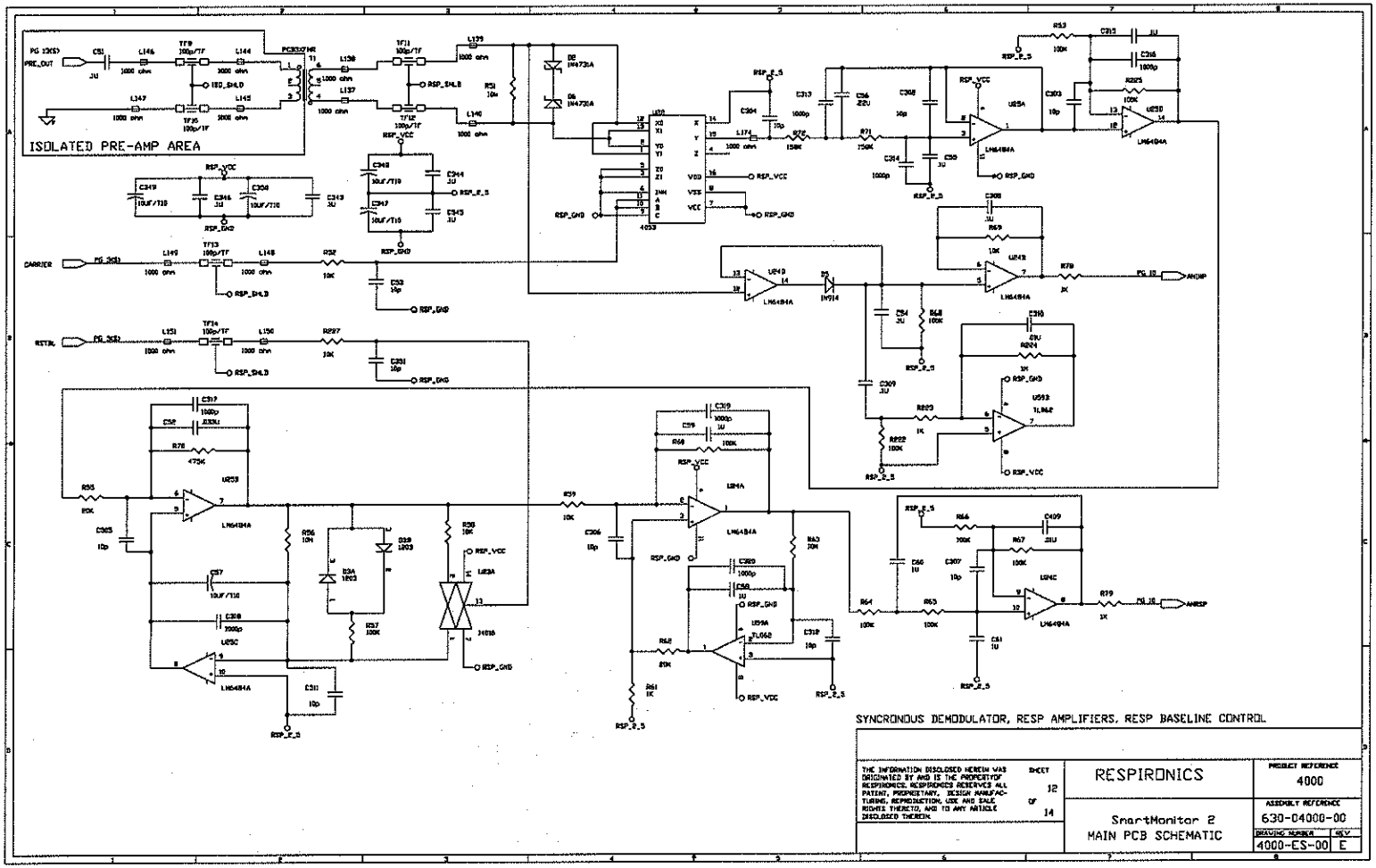
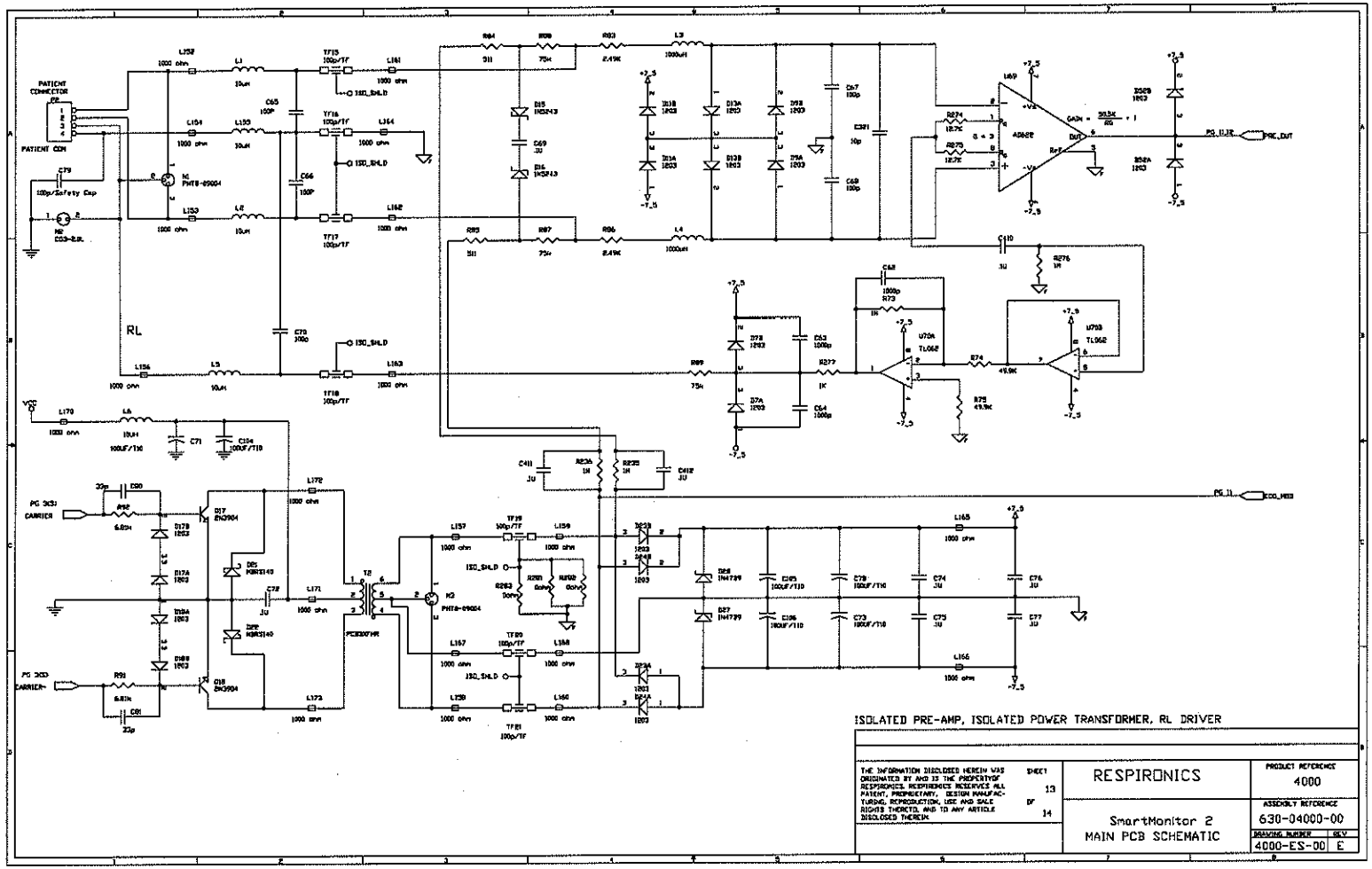
SHEET
9
OF
14


ECG, RESP, & IMPEDANCE OUTPUTS, SERIAL 12 BIT ADC, DIGITAL POTS
RESPIRONICS
4000
SmartMonitor 2
MAIN PCB SCHEMATIC
630-04000-00
4000-ES-00
E


ISOLATED PRE-AMP AREA
ECG AMPLIFIERS, ECG ISOLATION TRANSFORMER, 50/60 Hz NOTCH FILTER
RESPIRONICS
SmartMonitor 2
MAIN PCB SCHEMATIC
PRODUCT REFERENCE
4000
ASSEMBLY REFERENCE
630-04000-00
DRAWING NUMBER
4000-ES-00
REV
E
SHEET
11
OF
14


ISOLATED PRE-AMP AREA
SYNCRONOUS DEMODULATOR, RESP AMPLIFIERS, RESP BASELINE CONTROL
RESPIRONICS
SmartMonitor 2
MAIN PCB SCHEMATIC
4000
630-04000-00
4000-ES-00
E


ISOLATED PRE-AMP, ISOLATED POWER TRANSFORMER, RL DRIVER
RESPIRONICS
PRODUCT REFERENCE
4000
ASSEMBLY REFERENCE
630-04000-00
SmartMonitor 2
MAIN PCB SCHEMATIC
DRAWING NUMBER
4000-ES-00
REV
E
SHEET
13
OF
14
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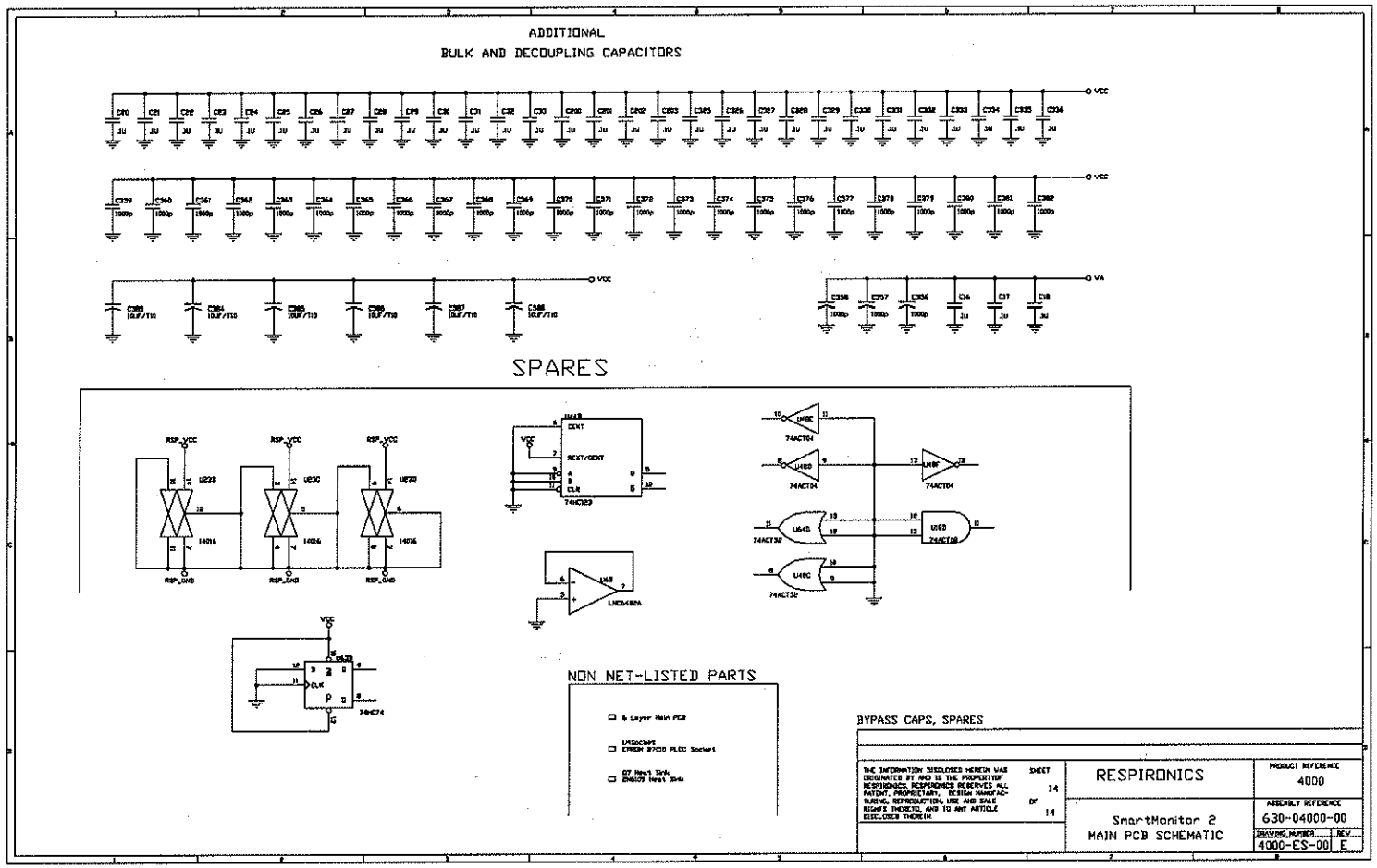
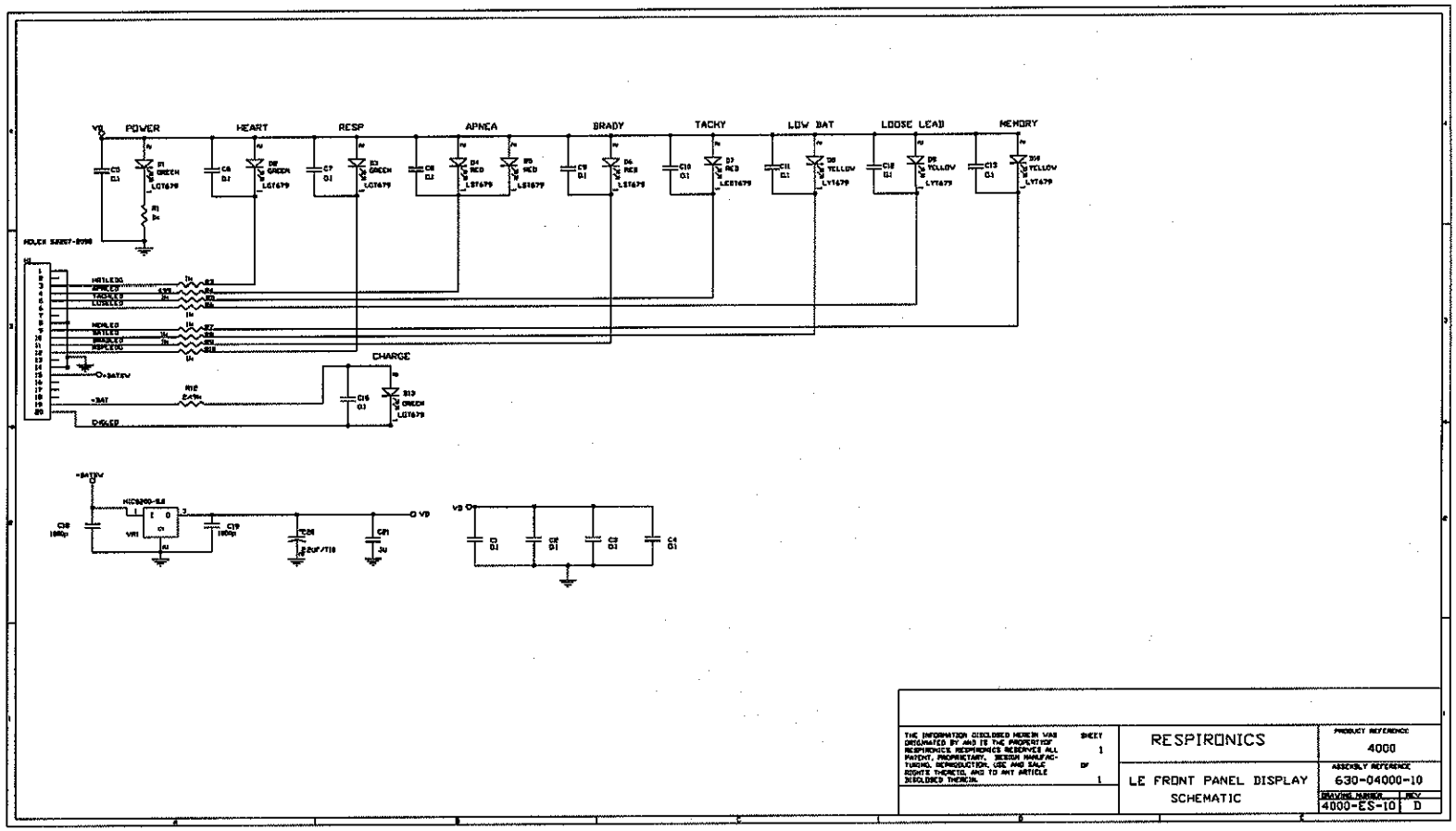
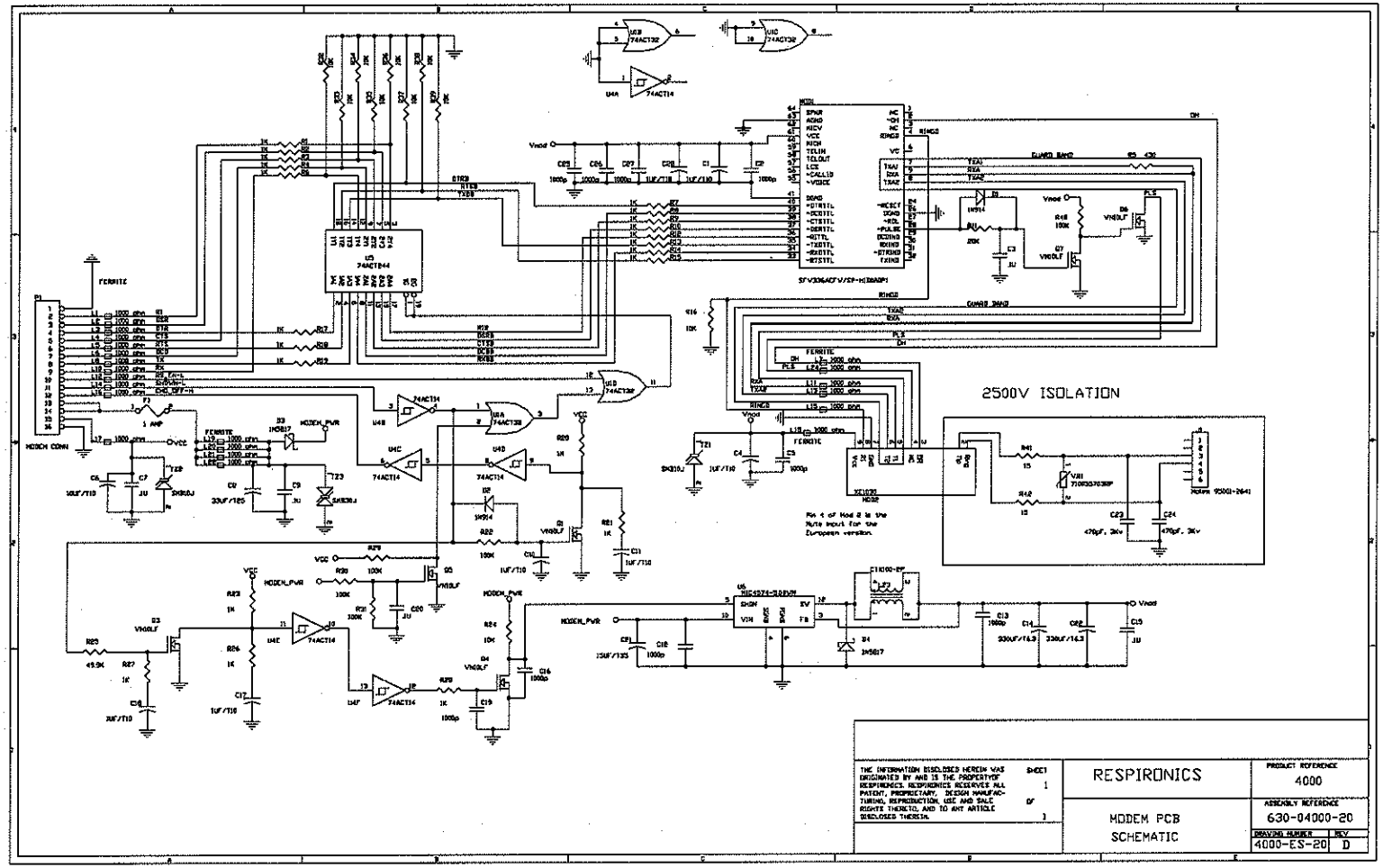
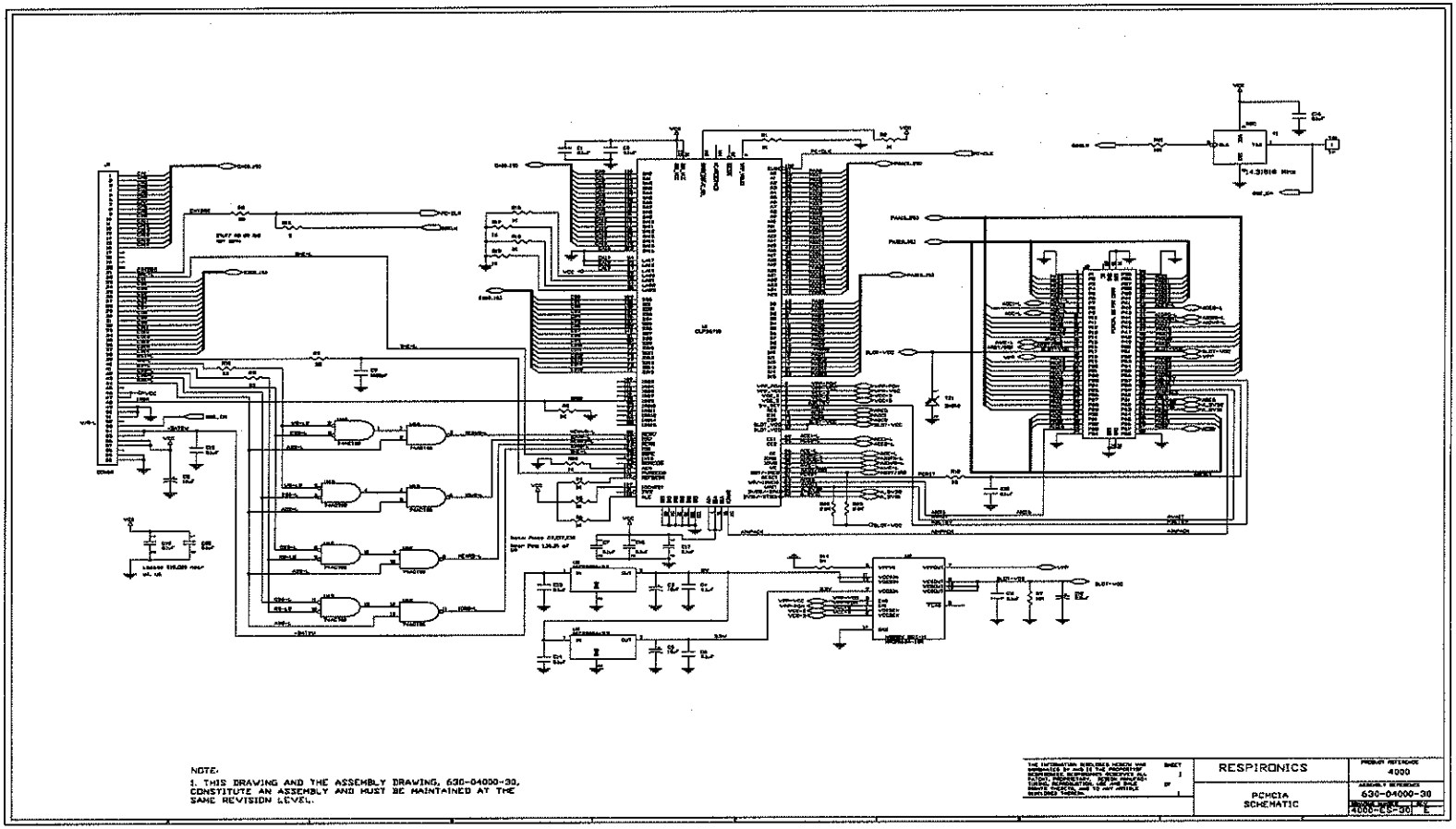

ADDITIONAL
BULK AND DECOUPLING CAPACITORS
VCC
VA
SPARES
NON NET-LISTED PARTS
BYPASS CAPS, SPARES
RESPIRONICS
SmartMonitor 2
MAIN PCB SCHEMATIC
4000
630-04000-00
4000-ES-00
E


POWER
HEART
RESP
APNEA
BRADY
TACHY
LOW BAT
LOOSE LEAD
MEMORY
CHARGE
RESPIRONICS
4000
LE FRONT PANEL DISPLAY
SCHEMATIC
630-04000-10
4000-ES-10
D


2500V ISOLATION
RESPIRONICS
4000
MODEM PCB
SCHEMATIC
630-04000-20
4000-ES-20
D


NOTE:
1. THIS DRAWING AND THE ASSEMBLY DRAWING, 630-04000-30, CONSTITUTE AN ASSEMBLY AND MUST BE MAINTAINED AT THE SAME REVISION LEVEL.
RESPIRONICS
PCMCIA SCHEMATIC
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630-04000-30
4000-ESS-30
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